



IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION

Richard L. Bruner
CHAIR

Kathleen Kohorst
Kelly Dolan Lange

Timothy L. Lapointe
Mary Sellers

Mary Mosiman
Robert von Wolfradt

RIC LUMBARD, EXECUTIVE DIRECTOR

GOVERNOR TERRY E. BRANSTAD LIEUTENANT GOVERNOR KIM REYNOLDS

Iowa Telecommunications & Technology Commission

Grimes State Office Building, 1st Floor

400 E. 14th Street, Des Moines, IA 50319

March 17, 2016

To ensure the most efficient use of State resources, the March 17, 2016 ITTC meeting was held via video conference pursuant to Iowa Code section 21.8. A video conference also ensured more Commissioners were able to participate in the meeting and reduced the risk of delays caused by weather or other impediments to travel. The meeting was accessible to members of the public through attendance at the Grimes State Office Building.

I. Roll Call:

- **Commissioners Present:**

Richard Bruner, Chair (on-site)
Timothy Lapointe, Member (on-site)
Kathleen Kohorst, Member (on-site)
Mary Mosiman, Ex-Officio (on-site)
Robert von Wolfradt, Ex-Officio (phone)

- **Commissioners Absent:**

Kelly Dolan Lange, Member
Mary Sellers, Member

- **Iowa Communications Network Staff Present:**

Mark Johnson, Chief Administration Officer
Deb Evans, Chief Financial Officer
Scott Pappan, Engineering Bureau Manager
Mike Cruise, Finance Bureau Manager
Dave Marley, Operation Bureau Manager
Lori Larsen, Communications Director

- **Guests:**

Sean Cory, Century Link

II. Call to Order

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Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319 Phone: 515-725-4692 Fax: 515-725-4727 www.icn.iowa.gov



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- Chair Bruner called the meeting to order at 10:31 am. It was noted that a quorum of members were not present for the meeting.

III. Approval of February 17, 2016 Meeting Minutes

The February 17, 2016 meeting minutes were tabled until the next ITTC meeting.

IV. Old Business:

- **FirstNet Update – Mark Johnson**

FirstNet held its National Board Meeting on March 16. It was indicated that the FirstNet initiative is on schedule and anticipating a Contract Award in the fourth quarter of this calendar year. On March 3, ICN hosted the third Iowa FirstNet Public Private Partnership Summit. More than 60 participants attended indicating a great deal of interest in the FirstNet project and events. Those in attendance and others are becoming more engaged in the conversation. A range of questions were asked by those in attendance. The summit was a success and very well received based upon the positive comments that were made after the event.

COMMENTS:

Bruner: Not only was the summit well attended, but it was also recorded and was referenced in the Iowa Communicator which is the Communications Associations weekly newsletter. ICN staff did an excellent job in coordinating this event.

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• **Legislative Update – Mark Johnson**

The legislature is still in session. The Revenue Estimating Conference met on March 16, and no changes were made to the revenue estimate for the current fiscal year. If the Revenue Estimating Conference had lowered their revenue estimate, the Legislature would have been required to use the lower figure in terms of their budget development. Discussions will be moving forward and positive comments were made by various legislative leaders regarding final adjournment. Anticipate seeing a budget bill for infrastructure that includes the ICN request of \$1.1M which is related to the E-Rate program. The appropriation request has been communicated to both the appropriations chairs.

COMMENTS:

Mosiman: I received a request to meet with a new legislator wanting to discuss the Executive Council and their approval of the 29C.20's (the Emergency Allocations). The new legislator was interested if there was a way to establish what the cost will be each year.

Johnson: The ICN has looked at that issue in terms of how can we predict or get a better understanding of what our expenses will be in terms of inadvertent fiber cuts and how to reduce that. Please refer them to the ICN if they are interested.

Bruner: Has there been any further discussion with Land Mobile Radio (LMR)?

Johnson: Nothing yet. Currently, there are two bills with respect to the NG 911 Network and at least one bill related the LMR topic.

• **Finance Update – Mike Cruise**

The February Budget to Actual was presented.

- Net cash from Operations after equipment expenses for the month of February increased almost \$600,000, which gives a Year-to-Date total \$1.4M.
- Cash is ahead of budget which is similar to where the agency has been in previous years. Gross Margin contributing to about \$200,000.
- Outside Plant expenses: From the beginning of the fiscal year until now ICN has billed out a lot of Executive Council claims, those types of projects and repairs. The ICN booked the expense in prior fiscal years and now are booking to the offset to that. It may look as though ICN is under budget but are not. We have a

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lot of offset that we billed the Executive Council this year and are 60% under budget on that.

- Professional fees are contracted services, roughly \$378,000 under budget. That is primarily Operations staff and Outside Plant resources that have not been utilized this fiscal year.
- Equipment expenditures are about \$339,000 below budget.
- Overall the factors of the four entries were \$2.4M below budget, which is similar to last year's budget. Margin is 73% which is 1.1% above budget.

V. New Business

- **Significant Cyber Incident Report – Dave Marley**

The ICN recently experienced a distributed denial-of-service (DDoS) attack, however, the end result was a good outcome. All modern communications equipment has an Internet Protocol (IP) address. A distributed denial-of-service (DDoS) attack occurs when multiple systems flood the bandwidth or resources of a targeted system, usually one or more web servers. Pro-active measures have been put in place resulting in a solution. ICN has implemented a device/software application that monitors network or system activities for malicious activities or policy violations and procedures. ICN recently installed a mitigation tool and vendor training was taking place during the attack. The outcome was positive and ICN is working with Area Education Agencies (AEAs) and attending quarterly technical meetings hosted by AEAs.

COMMENTS:

Bruner: What can be done to prevent this from happening again? Can this information be handed over to a law enforcement agency?

Marley: Yes, the ICN works with the Office of the Chief Information Officer (OCIO), the Federal Bureau of Investigation (FBI), and other law enforcement with regard to these types of incidents.

- **Core Update Report – Deb Evans/Scott Pappan**

This project will enable the ICN to prepare for the future in providing reliable services to ICN users. The plan for the Core Network Project is to install a 100 Gb Native IP core throughout the entire State. The project continues ICN's long term strategy to maintain

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and enhance the network that began with the Broadband Technology Opportunities Program (BTOP) project. Items currently being worked on are the following:

- Operations and Engineering are meeting with several vendors to determine what opportunities, features and enhancements are available to complete our goals, as well as testing potential vendor solutions.
- An implantation plan is being developed that breaks the changes into phases and establishes time frames. It is anticipated that the project will take 18-28 months to complete.
- A financial assessment of the total cost of equipment, maintenance, and needed resources to help determine the final solution. It is anticipated that the cost of this project will be in excess of \$7 M. No appropriation money will be used toward the project. We have submitted documentation to ask to exceed ICN's current contract limitation amount of \$2.2 M.

Decisions will be made shortly regarding what type of equipment and what Vendors will be used for all three layers of the network. Upgrading each layer with new equipment will be necessary as Operations and Engineering is having discussions with vendors to decide what is needed. Once the decision is made, the financial piece will be necessary. A start date has yet to be determined; it will depend upon receiving the answers regarding the equipment and Vendors. This will not only benefit customers, but our Security Bureau as well.

- **Administrative Rule Making Update – Mark Johnson**

When submitting the Commission approved security procedures or emergency preparedness administrative rule making document, an incorrect date was used as an effective date. That document was withdrawn and needs to be resubmitted with the correct date. Part of that resubmission process requires the Commission to reapprove the actual filing and the rule. The only difference in the version of the rule, which was sent to the Commission, from the original version, are the stylistic and editorial changes made by the Administrative Code editor. Since there is no quorum, a phone meeting may be necessary to vote on this action.

VI. Adjournment

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Commissioner Kohorst moved that the meeting be adjourned. Commissioner Lapointe seconded the motion. The ITTC meeting adjourned at 11:10 a.m.

ATTESTED TO:

Richard Bruner, Chair, Iowa Telecommunications and Technology Commission

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